

20000901.qrp v01_n931.qrl.20000901

Date: Fri, 1 Sep 2000 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1931

QRP-L Digest 1931

Topics covered in this issue include:

- 1) [78538] Re: In the eye of the beholder...
by "Steven Weber" <kd1jv@moose.ncia.net>
- 2) [78539] Yaesu US and FT-817
by Levent Sasmazel <levent@netlabs.net>
- 3) [78540] SMK-1: turn that thing down!
by John Wagner <john@neknetwork.com>
- 4) [78541] Help! I've Fallen and I can't get up!
by "William Phinizy" <k6whp@gte.net>
- 5) [78542] St Louise Vertical assembly question
by "Marty Purselley" <brewer@flash.net>
- 6) [78543] RadioShack Soldering Station
by "Ed Nelson" <edxnelson@home.com>
- 7) [78544] Re: RadioShack Soldering Station
by "Mike Yetsko" <myetsko@insydesw.com>
- 8) [78545] FOX: SWEEP in Ohio
by Shepherd@aol.com
- 9) [78546] fox pelt
by David Heintzleman <pstrdave@kdsi.net>
- 10) [78547] FOX: Oh man whatta blast!!!
by John Wagner <john@neknetwork.com>
- 11) [78548] FOX Well...
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [78549] Good Job as Fox
by w2xn@juno.com
- 13) [78550] FOX
by Bob Hightower <nk7m@extremezone.com>
- 14) [78551] One FOX down, One to go
by N10DL@aol.com
- 15) [78552] Fox Hunt
by w2xn@juno.com
- 16) [78553] CONTEST: QRP Contesting - Sept 2000
by Ken Newman <N2CQ@citnet.com>
- 17) [78554] Short Skip is not
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [78555] Re: [fpqrp] FOX: SWEEP in Ohio
by Brian <brian@iquest.net>
- 19) [78556] The Fox from the Swamp

- by Paul Womble <pwomble1@tampabay.rr.com>
- 20) [78557] WJ1R Escapes From Arizona With Pelt Intact
by "Damon Raphael" <w7md@azstarnet.com>
- 21) [78558] Soldering Station
by "Ed Nelson" <edxnelson@home.com>
- 22) [78559] NW7DX almost got you...rats!!!!
by N10DL@aol.com
- 23) [78560] Re: Soldering Station
by "John Moriarity" <k6qq@hdo.net>
- 24) [78561] FOX # 1 Bagged in NH No FOX # 2
by N10DL@aol.com
- 25) [78562] Icom 706 III vs Yeasu 100D
by Robert Marlan <rsm@halcyon.com>
- 26) [78563] (FOX:) Re: WJ1R Escapes From Arizona With Pelt Intact
by "George , W5YR" <w5yr@att.net>
- 27) [78564] Fox- NW7DX Dual Fox Results - EXCELLENT!
by BenNW7DX@aol.com
- 28) [78565] Elevated Radials, Efficiency, Resonant Freq.
by aweiss@usd.edu (Ade Weiss W0RSP)
- 29) [78566] Re: (FOX:) Re: WJ1R Escapes From Arizona With Pelt Intact
by Bob Nielsen <nielsen@oz.net>
- 30) [78567] RadioShack Soldering Station
by "Brad Hernlem" <alihernlem@hotmail.com>
- 31) [78568] Re: In the eye of the beholder...
by "Caitlyn M. Martin" <caitlyn@netferrets.net>
- 32) [78569] RE: Soldering Station
by Radman <radman@best.com>
- 33) [78570] RE: Low Noise Op Amps
by "Leon Heller" <leon_heller@hotmail.com>
- 34) [78571] Need Logging Software
by "Pastor-KC1DI" <elbc@pivot.net>
- 35) [78572] Solder stations
by John Payne <paynej1@strato.net>
- 36) [78573] FS or trade: Ant, Tower, Rotor
by "William Boose" <n3wst@hydrosoft.net>
- 37) [78574] Fw: FS or trade: Ant, Tower, Rotor
by "William Boose" <n3wst@hydrosoft.net>
- 38) [78575] Re: Help Needed Please
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 39) [78576] Re: Icom 706 III vs Yeasu 100D
by "Walter D Amos" <waltk8cv@surfree.com>
- 40) [78577] Re: Help! I've Fallen and I can't get up!
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 41) [78578] Nye Viking "Master Key" FS
by "Ken Simpson" <W8EK@fdt.net>
- 42) [78579] Fw: Fox- NW7DX Dual Fox Results - EXCELLENT!
by "Steve/n0tu" <n0tu@webaccess.net>
- 43) [78580] Re: WJ1R Escapes From Arizona With Pelt Intact

by russo@bogoflux.losalamos.nm.us
44) [78581] Re: Solder Stations
by Jeff Grudin <grudin@vdb.com>
45) [78582] Re: Solder stations
by "Karl F. Larsen" <k5di@zianet.com>
46) [78583] FOX-1 for 2 in AZ
by "Floyd Smithberg" <flydnq7x@primenet.com>
47) [78584] 9A/S53MA/P -QRP
by Alen Mitrovic <alen.mitrovic@hermes.si>
48) [78585] Re: Solder Stations
by "Mike Yetsko" <myetsko@insydesw.com>
49) [78586] Re: FOX-1 for 2 in AZ
by Bob Hightower <nk7m@extremezone.com>
50) [78587] Re: Fox- NW7DX Dual Fox Results - EXCELLENT!
by John Wagner <john@neknetwork.com>
51) [78588] K1 -- "the life of a field tester"...
by Radman <radman@best.com>
52) [78589] Fox yes, Fox no
by "Bob Tellefsen" <n6wg@earthlink.net>
53) [78590] FS: QRP Quarterly - 37 Back Issues
by VE3JC - John C <jbcumming@wwdc.com>
54) [78591] Re: Icom 706 III vs Yeasu 100D
by "Jay Bromley" <w5jay@alltel.net>
55) [78592] Shack Cleaning
by BOB0B0B1@aol.com
56) [78593] WTB: NC-20 converted to 40M
by "N3BJ" <qrpdx@earthlink.net>
57) [78594] Dual Fox Hunt
by "Glenn Maclean" <glennmaclean@ix.netcom.com>
58) [78595] Spartan Sprint from Portsmouth Island
by Paul Stroud <aa4xx@ipass.net>
59) [78596] Rig hr 1W to a pair of stacked heat-ducts
by n4qa@juno.com
60) [78597] RE: Shack Cleaning
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
61) [78598] Re: Icom 706 III vs Yeasu 100D
by Monte Stark <ku7y@dri.edu>
62) [78599] ANC-4 Noise Canceller
by "George , W5YR" <w5yr@att.net>

Date: Thu, 31 Aug 2000 18:33:10 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [78538] Re: In the eye of the beholder...
Message-ID: <200008312309.TAA15510@wolf.ncia.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> I spotted one ham's comments on eHam regarding the FT-817;
>
> "dues (sic) to the size limitations, it will likely have poor receiver
> dynamic range and terrible Q."
>

No doubt it uses an up converting HF Rx, with a first IF of 70 Mhz or something like that. In which case, they don't need any input filters, (except a low pass), in theory at least. DR may indeed suffer if they let everything in the front door, as it were.

One would think they still need low pass filters on the Tx output though, unless they have some clever amplifier which is very low in harmonic content. Guess someone is gonna have to buy one and take it apart to find out :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire

"melt solder"

Date: Thu, 31 Aug 2000 19:09:59 -0400
From: Levent Sasmazel <levent@netlabs.net>
To: qrp-1@Lehigh.EDU
Subject: [78539] Yaesu US and FT-817
Message-ID: <39AEE5C7.7EC6348E@netlabs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hi Gang,

To day I called Yaesu US for more information and US release day. Their sales people did not have a clue about FT-817.

May I get some information about the new Yeasu FT-817. Like US release date , price etc.

I can not see this is a valid product in my database

..

We must know at least one year advance to do the necessary FCC paper work.

Thnks ... by :((((<----- Customer Satisfaction (I use only Yaesu and Motorola for VHF/UHF work.....)

Levent
KC2CNY/AE

Date: Thu, 31 Aug 2000 19:26:34 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78540] SMK-1: turn that thing down!
Message-ID: <39AEE9AA.2911A5B4@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Last night I applied NB6M's 5w mod to my SMK-1. Radio powered up fine, no smoke. Checking the output however showed it was putting out a solid 10 watts of power!

Wow! It's a little-BIG rig now!

I used it a few times last night and told a ham friend I work with about it. How told me to triple check my parts values 'cause he thought I might be overdriving the amp. Sure enough, I had used a 270 ohm resistor instead of a 2.7k ohm resistor. After swapping out the part, the SMK-1 is putting out 5w. FWIW, I did work my co-coworker with 10w and he said the radio sounded good and clean.

Questions:

The final transistor got a bit warm running with 10w. It seems to get about as warm with 5w. Is there any problem running it at 10w? I'm think of putting in a variable resistor so I can run more power from the rig if there is no problem doing so.

I don't have a heat sink on the final. There just isn't room in the 4oz pepper can I mounted the rig in. The final gets warm enough that you don't want to hang onto it, but it's not untouchable. Should I find a way to get a heat sink on it, or is it going to be OK?

That's about it. I'll be on 7.039 or thereabouts from around 8pm EST 'till 9pm (before the fox hunt). Give me a yell if you hear me and my blazing 5w pepper can SMK-1!

73,

John, KB1ENS
Holland, VT

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Thu, 31 Aug 2000 17:22:01 -0700
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [78541] Help! I've Fallen and I can't get up!
Message-ID: <000101c013aa\$a6dad060\$67ad173f@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

..well, actually a friend asked me to help him debug an SMK-1 that has not waked up. The symptoms are:

 audio (a hiss) but no RF.

 We did the usual inspection of bridged solder joints, etc. and all seemed o.k.

 The DC voltages seemed o.k.

..a curious thing occurred when I traced the signal from the antenna to pin 1 and 2 of U1. There was a gangbuster signal on the input to TC1 but almost nothing on the output and no amount of adjustment could cause the scope trace to change. Also, the puny signal remained constant as I "stepped" back from the inboard side of TC1 to U1's pin 1.

Any help is appreciated..

Bill, k6whp

Date: Thu, 31 Aug 2000 19:24:12 -0500
From: "Marty Purselley" <brewer@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78542] St Louise Vertical assembly question
Message-ID: <001401c013aa\$f51472e0\$1f49d7d8@mlp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I just received my St. Louise vertical kit from Vern Wright and have a couple of questions. In the "instructions" it mentions making the radials out of "rainbow" wire. What is rainbow wire? Also, it says not to worry about the length. I would like to hear from others who have used this antenna. I plan on using it on 80, 40 and 30 meters.

Thanks,

Marty AA5UN

Date: Thu, 31 Aug 2000 20:46:37 -0400
From: "Ed Nelson" <edxnelson@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78543] RadioShack Soldering Station
Message-ID: <000d01c013ae\$16d26ba0\$2c490b18@prntn1.nj.home.com>

Radio Shack has a Digitally Controlled Soldering Station (910-3893) on sale for \$50. I looked at it in their on-line catalog and it looks nice, but it doesn't seem to have much in the way of a selection of tips. Does anyone have any experience with this soldering station and know if there are any other brand of tips that can be used with it?
Tnx.....Ed W4EN

Date: Thu, 31 Aug 2000 21:21:13 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <edxnelson@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78544] Re: RadioShack Soldering Station
Message-ID: <000901c013b2\$ee06bfa0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A friend of mine bought two of those a while back.

Person opinion? Avoid it.

Seriously, avoid it.

You'd be better off with the WLC100 for \$45 (91-2448 regular price).
Or try to catch the WTCPT on sale, it's normally \$100.

Be aware the WLC100 doesn't regulate temperature, it regulates wattage. But it's a nice iron and 'holds well' when you're doing a large job.

And the WTCPT is I think 60W with fixed temperature tips. I use exclusively 700 in mine. I have some 'other vendor' tips for it though that go down to 1/64" chisel tip. Yep, that's 1/64" and it's a chisel. Looks like a needle! But it's great for some high density surface mount with solder that looks like angel hair.

Hard to go wrong with the WTCPT station. They just plain work. I had my original tip in mine from 1980 till last year. Just take care of them. (I did use a brand new tip to build my K2!)

Mike N1DVJ

> Radio Shack has a Digitally Controlled Soldering Station (910-3893) on sale
> for \$50. I looked at it in their on-line catalog and it looks nice, but it
> doesn't seem to have much in the way of a selection of tips. Does anyone
> have any experience with this soldering station and know if there are any
> other brand of tips that can be used with it?
> Tnx.....Ed W4EN
>
>
>
>
>

Date: Thu, 31 Aug 2000 21:31:57 EDT
From: Shepherd@aol.com
To: fpqrp@egroups.com, qrp-1@lehigh.edu
Subject: [78545] FOX: SWEEP in Ohio
Message-ID: <7f.923363f.26e0610d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Got them both tonight!
Man this is great.
Using my DSW-20 @2.5 watts to a G5RV

Time for the Happy Dance!

72, 73, oo's
Dan, N8IE Kettering, Oh
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284
<http://members.aol.com/shephed/n8ie.htm>

Date: Fri, 01 Sep 2000 01:23:57 +0100
From: David Heintzleman <pstrdave@kdsi.net>
To: qrp-1@Lehigh.EDU
Subject: [78546] fox pelt
Message-ID: <39AEF71D.F9949982@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey, thanks to Ben NW7DX, I got the "lower" fox tonight - lots of fun,
still trying for the "upper" fox, WJ1R

appreciate your making the fun available, guys
Dave K8BBM

Date: Thu, 31 Aug 2000 21:44:48 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78547] FOX: Oh man whatta blast!!!
Message-ID: <39AF0A10.105F723C@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow! Got 'em both!

I could hear Larry the entire time, I knew it was a matter of time for
him. Tagged and bagged at 0116z. I missed him sending my call before the
exchange, but a gentle nudge and it was all FB. Larry was really buzzin'
along, what a great op!!!

Ben on the other hand was QSB city. He'd stick his head up, then fade

into the noise. I could pretty much tell when he was asking for calls, but held back on a few when I wasn't sure. 0133z, he popped out of the noise and I nailed him, taking aim about 400hz up. Ben was working 'em fast and furious for sure - another great op.

What an absolute blast that was. Larry, Ben, thanks for picking me out of the noise tonight and handing out those pelts. You guys were doing a fantastic job, very much appreciated.

73 all, hope y'all got one or two!

John, KB1ENS
Holland, VT

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Thu, 31 Aug 2000 19:57:11 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [78548] FOX Well...
Message-ID: <Pine.LNX.4.10.10008311952240.1904-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It was simple getting NW7DX from southern NM, but even with my low dipole I have yet to hear a dit from WJ1R. Last time he was strong in the afternoon at 2000 Z This evening he is skiping over us. I hear Doc calling and strong but he's having my luck too.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 31 Aug 2000 22:00:27 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [78549] Good Job as Fox
Message-ID: <20000831.220037.-799653.2.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Larry,

Doing a great job as fox. You must have good "ears" to be able to pick out the calls, especially mine. You were 339 here when we QSO'd at 0151.

At times you were up to 559 at my QTH, but only for very short times, then you were buried in the noise.

Thanks for picking me out, and thanks for being a fox and giving the rest of us a fun time.

Fred W2XN, Lakeland FL, w2xn@arrl.net
ARRL, ARES, Skywarn #POL-007, VE, Lakeland Amateur Radio Club
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 31 Aug 2000 19:09:07 -0700

From: Bob Hightower <nk7m@extremezone.com>

To: qrp-l@lehigh.edu

Subject: [78550] FOX

Message-ID: <200009010203.TAA17647@enterprise.extremezone.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I guess he's in there....sometimes get a whiff, but no pelt yet. Maybe his beam won't swing this way :^). Biggest problem now is the PSK operating on 14.061+/-

Bob Hightower NK7M

Chandler, AZ

SOC #20

K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Thu, 31 Aug 2000 22:10:10 EDT

From: N10DL@aol.com

To: qrp-l@lehigh.edu

Subject: [78551] One FOX down, One to go
Message-ID: <c8.9c79b1c.26e06a02@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Got larry in the first five minutes I was on the air after getting home late for the start of the fox, Ben is another story. thought I had him once, but lost him in the noise. Persistence will prevail though.....still trying here in NH

Aron
N10DL

Bedford

Date: Thu, 31 Aug 2000 22:17:53 -0400
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [78552] Fox Hunt
Message-ID: <20000831.221757.-799653.3.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ben,

Great job as fox. Thanks for picking me out. Surprised me but you were a good 559 here in Lakeland, FL at my QTH. One shot, and I got you. Totally surprised me.

Thanks for being a fox tonite and giving us some fun.

Fred W2XN, Lakeland FL, w2xn@arrl.net
ARRL, ARES, Skywarn #POL-007, VE, Lakeland Amateur Radio Club
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 31 Aug 2000 22:19:07 -0400

From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [78553] CONTEST: QRP Contesting - Sept 2000
Message-ID: <3.0.6.32.20000831221907.008cc880@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

QRP Afield has the New England QRP Club gearing up for the contest that started it!

Don't forget the ever popular ARS Spartan Sprint on the first Monday evening of *EVERY* month.

72 de Ken - N2CQ

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## QRP CONTEST CALENDAR

September 2000

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CCCC PSK31 Contest

Sep 02 - 0000z to 2359z

Rules: <http://www.netsync.net/users/obrienaj/cccc2.htm>

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### All Asian DX Contest (SSB)

Sep 02 - 0000z to Sep 03 - 2400z

Rules: <http://home.online.no/~janalme/rules/allasia.txt>

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AGCW Straight Key Party (CW) ... QRP Category

Sep 02 - 1300z to 1600z

Rules: <http://home.online.no/~janalme/rules/agcws7.txt>

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Michigan QRP Labor Day Sprint (CW) \*\*\* QRP CONTEST! \*\*\*

Sep 04 - 2300z to Sep 05 - 0300z

Rules: <http://www.tir.com/~n8cqa/rules2000.htm>

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Adventure Radio Spartan Sprint (CW) *** QRP CONTEST! ***

Sep 05 - 0100z to 0300z

Rules:

http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

~~~~~

Worked All Europe DX Contest (SSB)

Sep 09 - 0000z to Sep 10 - 2400z

Rules: <http://www.sk3bg.se/contest/waedxc.htm>

~~~~~

ARRL September VHF QSO Party (All) ... QRP Portable Category

Sep 09 - 1800z to Sep 11 - 0300z

Rules: <http://www.arrl.org/contests/announcements/rules-09vhf.html>

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ARS - Top of the World "Happening" (All) \*\*\* QRP Field Event

Sep 09 - 1800z to Sep 11 - 0300z

Rules: [http://www.natworld.com/ars/pages/top\\_of\\_the\\_world/top\\_rules.html](http://www.natworld.com/ars/pages/top_of_the_world/top_rules.html)

(Linked to ARRL September VHF QSO Party)

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Second Operator Club Marathon (CW) *** QRP Contest ***

Sep 09 - 1800z to 2400z

Rules: <http://www.arrl.org/contests/months/sep.html>

~~~~~

NA Sprint (CW)

Sep 10 - 0000z to 0400z

Rules:  
<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

~~~~~

End of Summer PSK-31 Sprint *** QRP Contest ***

Sep 10 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/psk31.htm>

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NA Sprint (SSB)

Sep 17 - 0000z to 0400z

Rules:  
<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

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Washington State Salmon Run (CW/SSB) ... QRP Category

Sep 16 - 1600z to Sep 17 - 0700z
Sep 17 - 1600z to Sep 17 - 2400z

Rules: <http://www.wwdxc.org/salmonrun/rules.htm>

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Scandinavian Activity Contest (CW) ... QRP Category

Sep 16 - 1200z to Sep 17 - 1200z

Rules: <http://www.sk3bg.se/contest/sacnsc.htm>

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QRP Afield (CW/SSB/Digital) *** QRP Contest ***

Sep 16 - 1800z to Sep 17 - 1800z (Any 8 hours)

Rules: <http://www.qsl.net/wq1rp/contests.00>

Tennessee QSO Party

Sep 17 - 1800z to Sep 18 - 0100z

Rules: <http://www.k4ro.net/tcg/tqp/tqp99fin.html#rules>

CQWW RTTY DX Contest ... QRP QRM

Sep 23 - 0000z to Sep 24 - 2400z

Rules: <http://www.arrl.org/contests/months/sep.html>

Scandinavian Activity Contest (SSB) ... QRP Category

Sep 23 - 1200z to Sep 24 - 1200z

Rules: <http://www.sk3bg.se/contest/sacnsc.htm>

Alabama Heart of Dixie QSO Party (CW/SSB) ... QRP Category

Sept 24 - 1800z to Sept 25 - 0100z

Rules: <http://www.qsl.net/kt4xa/aqp/rules.html>

Texas QSO Party (All) ... QRP Category

Sep 30 - 1400z to Oct 01 - 0500z

Oct 01 - 1400z to Oct 01 - 2000z

Rules: <http://home.flash.net/~nars/tqprul2000.htm>

Thanks to K3WWP, LA9HW, SM3CER, WA7BNM, ARRL and others
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)

72 de
Ken Newman - N2CQ

N2CQ@ARRL.NET <http://www.NJQRP.org> <http://www.N3EPA.org>

 <http://www.qsl.net/cqrp/contests.html>

72 de
Ken Newman - N2CQ == QRP CONTEST CALENDAR ==
Woodbury, NJ <http://www.njqrp.org/data/contesting.html>
N2CQ@ARRL.NET

Date: Thu, 31 Aug 2000 20:35:04 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [78554] Short Skip is not
Message-ID: <Pine.LNX.4.10.10008312032340.2151-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

With the A index at 18 and k is 3 the short skip is non-existent.
I do hear a few guys from the east coast working WJ1R but after listening
for him for 90 minutes I'm giving up. Propagation has killed any chance.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 31 Aug 2000 21:58:02 -0500
From: Brian <brian@iquest.net>

To: shephed@aol.com
Cc: fpqrp@egroups.com, qrp-1@lehigh.edu
Subject: [78555] Re: [fpqrp] FOX: SWEEP in Ohio
Message-ID: <39AF1B3A.DC75F564@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got Larry but not Ben. I can work Ben on 40m but have never been able to on 20m.

shephed@aol.com wrote:

>
> ----- eGroups Sponsor ----->
> GET A NEXTCARD VISA, in 30 seconds! Get rates
> of 2.9% Intro or 9.9% Ongoing APR* and no annual fee!
> Apply NOW!
> http://click.egroups.com/1/7872/15/_/611/_/967771925/
> ----- _->
>
> Got them both tonight!
> Man this is great.
> Using my DSW-20 @2.5 watts to a G5RV
>
> Time for the Happy Dance!
>
> 72, 73, oo's
> Dan, N8IE Kettering, Oh
> FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284
> <http://members.aol.com/shephed/n8ie.htm>

--

=====

KB9BVN	NORCAL	2792	FISTS	5695	QRP-L	1540	QRP-ARCI	10223
39.558	N	86.095	W	Johnson Co., Indiana				
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w								
Proud to be a member of the American Radio Relay League								
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57								

=====

Date: Thu, 31 Aug 2000 23:13:15 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78556] The Fox from the Swamp

Message-ID: <39AF1ECB.B3178509@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The last of the summer fox hunts is Sunday @ 2000z. BIG thanks to the summer fox committee for putting this one together. LOTS of fun. Boy...no more hunts or Survivor on tv until the winter...guess I will have to build some more stuff!

On to the hunt info...

I will be using K2 # 568 at the full 5 watts and my Force-12 C3 tribander up 75'. I will start off beaming NE from my den deep in the Florida Swamp about 40 miles due East of Tampa. Will swing around to the West a little at the time until the pack thins then will move it around more often. I will use the RIT to listen above and below my transmit freq...but will check it from time to time. I will use the standard format: AF4PS 559 FL Paul 1795 AF4PS...please call just once and if I send ? or AGN then send it again.

Hope to work many of you...thanks to the committee for the opportunity. Hope all is ok with Chuck K7Q0.

73

Paul AJ4Y

Date: Thu, 31 Aug 2000 20:17:42 -0700

From: "Damon Raphael" <w7md@azstarnet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [78557] WJ1R Escapes From Arizona With Pelt Intact

Message-ID: <001401c013c3\$34ceea60\$fe0fc5a9@virgo>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I could hear Larry only with my northeast beverage which killed the QRN. His low angle vertical RF ant sig was way over my head. If I still had the big 6-el 20 he would have been deadmeat. As it is - he is back in his den and frolicking with his pups.

The skip for Ben was just perfect.

73,

Damon, W7MD

Tucson, AZ

Date: Thu, 31 Aug 2000 23:24:22 -0400
From: "Ed Nelson" <edxnelson@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78558] Soldering Station
Message-ID: <005701c013c4\$20009240\$2c490b18@prntn1.nj.home.com>

OK; you all have talked me out of the RadioShack soldering station. I'm going to bite the bullet and spring for the Weller WTCPT. Anyone have any suggestions where I should buy it, and what tips I should get with it?
Ed W4EN

Date: Thu, 31 Aug 2000 23:36:38 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [78559] NW7DX almost got you...rats!!!!
Message-ID: <ca.9a7c934.26e07e46@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ben, you had me on a partial several times...but that does not count. you were up and down here all night. Thanks for trying to pull me out of the mud several times. my 2 watts into the G5RV, Jr and my OHR400. maybe next time. Did get larry though...
Aron
N10DL
Bedford, NH (behind the wall)

Date: Thu, 31 Aug 2000 20:56:05 -0700
From: "John Moriarity" <k6qq@hdo.net>

To: <edxnelson@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [78560] Re: Soldering Station
Message-ID: <038e01c013c8\$8e5fbdc0\$f1424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> OK; you all have talked me out of the RadioShack soldering station.
I'm
> going to bite the bullet and spring for the Weller WTCPT.
> Anyone have any suggestions where I should buy it, and what tips I
should
> get with it?
> Ed W4EN
>

Try Fue Enterprises, 805-965-0753. His prices are very good. Harold
sells
a lot of very clean, refurbished, used Weller solder stations (and other
soldering and de-soldering gear). He sells at a lot of the west coast
hamfests, but still doesn't have an e-mail address or a Website. I
think he
is a closet Luddite ;-)

I don't know anyone more honest. I'll stake my personal reputation on
that.

Disclaimer: He has been a close friend for about 40 years.

73,

John, K6QQ

Date: Fri, 1 Sep 2000 00:11:39 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [78561] FOX # 1 Bagged in NH No FOX # 2
Message-ID: <3a.9ddccb9.26e0867b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Came home late from dinner with friends and ran over to the OHR400 to warm it up. Tuned up with the ZM-2 and the WM meter showed 2.2 watts out. time is now about 0045. tune up and down between the two freq's mentioned and only hear WJ1R....as soon as the rig is warmed up get onthe air and send my call....missed.....second time...BLAM..boy did he suprise me. Larry gave me a 339 here in NH. Thanks larry for your great ears. Next went down to see if I could find Bed. Heard the hounds but no Ben....waited about 20 minutes before I could even hear him at 119. tried him several times....nothing. finally...N1???...Agn? This happened several times to no avail. tried to the very end but no luck. Thank you very nmuch Ben for trying to pull me out of the mud. You really do hve good ears to hear through the "Wall" in New Hampshire. You did get up to about 339 for a few seconds tonight....

Aron

N10DL

Bedford, NH

Date: Thu, 31 Aug 2000 21:19:03 -0700
From: Robert Marlan <rsm@halcyon.com>
To: qrp-l@Lehigh.EDU
Subject: [78562] Icom 706 III vs Yeasu 100D
Message-ID: <4.3.2.7.2.20000831211847.0256d7a0@mail.halcyon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ok I am ready to buy which one??????????

I work cw and phone. I would like full break in without relays?
Which has better audio quality.

I know the right answer is to buy both - but the XYL might do the Bobbit Maneuver!!

Please Help!

Robert KA6NOC/7 rsm@otology.com

Date: Thu, 31 Aug 2000 23:44:36 -0500
From: "George , W5YR" <w5yr@att.net>
To: w7md@azstarnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78563] (FOX:) Re: WJ1R Escapes From Arizona With Pelt Intact
Message-ID: <39AF3434.B545DDB3@att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Same story here, Damon, from near Dallas. I got Ben at 0105 no sweat but NEVER even heard Larry. If fact, I heard very few hounds after him, so maybe others were having skip problems also. Back in July on a Sunday afternoon, Larry was easy copy but not this night.

Still a lot of fun, tho . . .

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Damon Raphael wrote:

>

> I could hear Larry only with my northeast beverage which killed the QRN.
> His low angle vertical RF ant sig was way over my head. If I still had the
> big 6-el 20 he would have been deadmeat. As it is - he is back in his den
> and frolicking with his pups.

>

> The skip for Ben was just perfect.

Date: Fri, 1 Sep 2000 00:45:40 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Cc: Macstein@aol.com
Subject: [78564] Fox- NW7DX Dual Fox Results - EXCELLENT!
Message-ID: <bd.6ac7f04.26e08e74@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey guys -

There was TONS of activity on tonight and my log is packed with stations!!! I would say that the condx were better tonight than on Sunday, but there was still plenty of QSB and QRN for everyone.

I was guest operating again, using a FT-920 and a 5 ele monobander. Everything worked great except for the antenna. There were times when it would get "stuck" and I wasn't able to rotate it. Luckily, it never stalled too long. It was really windy tonight at the QTH and trees were swaying back and forth. There is a tree only :inches: from one of the elements and when

the tree sways, it blocks the path of the beam :-) Besides this minor obstacle, everything worked just great!

Unfortunately, I did not reach my goal of 93 qso's (which would have been the new record), but I came very close. I got a total of 89 qso's and am extremely proud. Once again though, there were those stations that you could tell were in there, but even when turning on all the bells 'n whistles on the rig, they couldn't be pulled out of the noise. I would say that the QSB monster ate 4 or 5 qso's tonight :-) Despite this though, it was lots of fun for the FULL 2 hours! I'm sure Larry had lots of activity at his end as well.

Well, below is my log. Hopefully all is correct, but you never know. If you see an error, please email me.

=

2000 Summer Dual Foxhunt NW7DX

Band	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qth	NR/PWR
----	----	----	----	-----	----	----	----	---	-----
20CW	01-Sep-00	01:00	1	K0EVZ	559	589	DOC	ND	861
20CW	01-Sep-00	01:01	2	NK7M	559	579	BOB	AZ	271
20CW	01-Sep-00	01:01	3	K5LN	559	559	BILL	TX	1748
20CW	01-Sep-00	01:02	4	NQ7X	559	559	FLOYD	AZ	343
20CW	01-Sep-00	01:02	5	K5AAR	559	559	DON	OK	1512
20CW	01-Sep-00	01:03	6	K6VNX	559	579	ARLEN	CA	5w
20CW	01-Sep-00	01:04	7	N5TW	559	559	TOM	TX	1474
20CW	01-Sep-00	01:04	8	W5YR	559	559	GEO	TX	1373
20CW	01-Sep-00	01:05	9	AJ4Y	559	579	PAUL	FL	1795
20CW	01-Sep-00	01:06	10	N5IW	559	559	DAVE	TX	1718
20CW	01-Sep-00	01:07	11	W7ILW	559	559	HOWARD	AZ	2010
20CW	01-Sep-00	01:09	12	N1TP	559	559	TOM	FL	1317
20CW	01-Sep-00	01:09	13	K5OI	559	559	TIM	NM	73

20CW	01-Sep-00	01:10	14	K5DI	559	599	KARL	NM	2195
20CW	01-Sep-00	01:11	15	AF5Z	559	559	BOB	TX	984
20CW	01-Sep-00	01:11	16	AJ4AY	559	559	JAY	AL	1372
20CW	01-Sep-00	01:12	17	W9UQB	559	599	MIKE	AZ	413
20CW	01-Sep-00	01:13	18	K5ZTY	559	559	BILL	TX	173
20CW	01-Sep-00	01:14	19	NK6A	559	599	DON	CA	1517
20CW	01-Sep-00	01:15	20	KM5VY	559	589	TOM	NM	1592
20CW	01-Sep-00	01:15	21	W0CH	559	559	DAVE	MO	618
20CW	01-Sep-00	01:16	22	AF4PS	559	579	MAC	FL	704
20CW	01-Sep-00	01:17	23	NN5B	559	559	JERRY	TX	5w
20CW	01-Sep-00	01:18	24	N5ZE	559	559	LEW	TX	2178
20CW	01-Sep-00	01:19	25	AA7EQ	559	559	BOB	AZ	217
20CW	01-Sep-00	01:21	26	VE7SL	559	559	STEVE	BC	769
20CW	01-Sep-00	01:22	27	K8CV	559	559	WALT	MI	935
20CW	01-Sep-00	01:23	28	K8ZT	559	559	ANTHONY	OH	453
20CW	01-Sep-00	01:24	29	K8BBM	559	569	DAVE	NE	1549
20CW	01-Sep-00	01:24	30	KC1FB	559	559	JIM	CT	29
20CW	01-Sep-00	01:25	31	K2ZN	559	569	AL	NY	2234
20CW	01-Sep-00	01:26	32	KG4BIG	559	559	KEN	KY	1974
20CW	01-Sep-00	01:26	33	KK5LD	559	559	DAN	TX	2052
20CW	01-Sep-00	01:27	34	W6BAB	559	589	HARVEY	CA	5w
20CW	01-Sep-00	01:27	35	NV4V	559	559	PETE	KY	1721
20CW	01-Sep-00	01:28	36	N4ROA	559	559	DAN	NC	970

20CW	01-Sep-00	01:29	37	K1QM	559	559	JOEL	MA	337
20CW	01-Sep-00	01:30	38	N8IE	559	559	DAN	OH	1404
20CW	01-Sep-00	01:30	39	WS4S	559	559	CONARD	TN	993
20CW	01-Sep-00	01:31	40	W8DIZ	559	559	DIZ	OH	1998
20CW	01-Sep-00	01:31	41	N9AW	559	559	JERRY	WI	1271
20CW	01-Sep-00	01:32	42	KB1ENS	559	559	JOHN	VT	2150
20CW	01-Sep-00	01:33	43	AB8DFH	559	559	ED	MI	1444
20CW	01-Sep-00	01:34	44	K9IUA	559	559	KEVIN	ND	384
20CW	01-Sep-00	01:35	45	AA5UN	559	559	MARTY	TX	5w
20CW	01-Sep-00	01:35	46	N5IB	559	559	JIM	LA	1913
20CW	01-Sep-00	01:36	47	N0UR	559	559	JIM	MN	799
20CW	01-Sep-00	01:36	48	N9SE	559	559	MARTY	IN	1w
20CW	01-Sep-00	01:37	49	AG0T	559	559	TODD	ND	2211
20CW	01-Sep-00	01:42	50	K3NY	559	599	NICK	MD	927

2000 Dual Foxhunt NW7DX

Band NR/PWR	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qth	
----	----	----	----	-----	----	----	----	---	-----
20CW	01-Sep-00	01:43	51	K5BGB	559	589	ROD	TX	2231
20CW	01-Sep-00	01:45	52	W7MD	559	559	DAMON	AZ	2190
20CW	01-Sep-00	01:46	53	K7Q0	559	599	CHUCK	AZ	1
20CW	01-Sep-00	01:46	54	K5TR	559	559	GEO	TX	5w
20CW	01-Sep-00	01:50	55	N3WT	559	579	JOHN	MD	4w
20CW	01-Sep-00	01:52	56	WA0SXV	559	599	MIKE	NM	1w

20CW	01-Sep-00	01:54	57	W7/JR1NKN	559	559	ZUO	WA	5w
20CW	01-Sep-00	01:57	58	N1TM	559	559	TOM	CT	1w
20CW	01-Sep-00	01:58	59	VA6RF	559	559	EARL	AB	1076
20CW	01-Sep-00	02:02	60	W2XN	559	559	FRED	FL	1728
20CW	01-Sep-00	02:04	61	NR1DX	559	529	DAVE	NH	5w
20CW	01-Sep-00	02:04	62	WJ1R	559	559	LARRY	CO	2137
20CW	01-Sep-00	02:05	63	NK9G	559	559	RICK	WI	2061
20CW	01-Sep-00	02:06	64	VE5RC	559	229	BRUCE	SK	886
20CW	01-Sep-00	02:08	65	AE9F	559	559	DAN	CA	5w
20CW	01-Sep-00	02:11	66	KB7WW	559	559	ART	ON	290
20CW	01-Sep-00	02:15	67	W1R0/7	559	599	JIM	NV	2208
20CW	01-Sep-00	02:18	68	W5YW	559	559	MIKE	LA	5w
20CW	01-Sep-00	02:19	69	W7HQJ	559	559	JOHN	WA	5w
20CW	01-Sep-00	02:20	70	KA5T	559	559	LARRY	TX	89
20CW	01-Sep-00	02:23	71	AF4LQ	559	579	MIKE	KY	1395
20CW	01-Sep-00	02:23	72	W0RW	559	599	PAUL	CO	1284
20CW	01-Sep-00	02:27	73	KB7N	559	599	MARK	WA	2w
20CW	01-Sep-00	02:29	74	K8XF	559	559	MIKE	FL	5w
20CW	01-Sep-00	02:31	75	KI0RB	559	599	VINCE	CO	1283
20CW	01-Sep-00	02:33	76	W3ERU	559	559	WES	MD	2179
20CW	01-Sep-00	02:35	77	WD5CMA	559	559	GLORIA	LA	5w
20CW	01-Sep-00	02:37	78	KA1DDB	559	559	MIKE	MI	2064
20CW	01-Sep-00	02:38	79	N0TK	559	559	DAN	CO	4w

20CW	01-Sep-00	02:38	80	W7QC	559	579 STEVE	WA	900mw
20CW	01-Sep-00	02:39	81	VE5VA	559	559 PETE	SK	46
20CW	01-Sep-00	02:43	82	WB0HQV	559	559 JIM	MO	2100
20CW	01-Sep-00	02:44	83	W4EEX	559	569 SARA	KY	2w
20CW	01-Sep-00	02:45	84	W7VP	559	599 BILL	WA	5w
20CW	01-Sep-00	02:46	85	KI0II	559	599 RON	CO	928
20CW	01-Sep-00	02:51	86	W7HLO	559	599 DALE	WA	3w
20CW	01-Sep-00	02:52	87	K4LKL	559	559 LARC	FL	2226
20CW	01-Sep-00	02:59	88	AB7MY	559	559 GARY	AZ	571
20CW	01-Sep-00	xx:xx	98	NW7DX	559	559 ben	wa	1892

= AB7MY almost didn't make it into the log... he called just a few seconds before the clock struck 0300z!!!

73 and Thanks very much for the excellent hunt.

Ben - NW7DX

 Date: Fri, 01 Sep 2000 06:52:50 GMT
 From: aweiss@usd.edu (Ade Weiss W0RSP)
 To: qrp-l@lehigh.edu
 Subject: [78565] Elevated Radials, Efficiency, Resonant Freq.
 Message-ID: <200009010453.XAA20707@sunburst.usd.edu>

Hi gang:

The ARRL ANTENNA COMPENDIUM v.2 includes a seminal paper by the well known authors A Doty, J. Frey and H. Mills: "Vertical Antennas: New Design and Construction Data."

The basic finding of the paper is that the formula for resonance in a quarterwave vertical is a function of the height/diameter ratio -- the larger the diameter, the shorter the length. The elevated ground plane used for the extensive tests at 27-30-MHz consisted of a 20 x 20 ft counterpoise using 64 radials five feet above the ground. Why this many if the vertical with its base at 5-ft up is

up about 1/6-wavelength on 28-MHz?

The answer is found in their previous paper "Characteristics of the Counterpoise and Elevated Ground Screen" (QST, Feb, 1983, 20-25." To wit, the transparency of an elevated radial system increases as the number of radials decreases, that is, it increasingly couples into the ground below. Additional ground loss results.

Bill AA4LR drew attention to the fact that computer modeling probably makes an elevated groundplane seem less lossy than one laying on the ground.

In either situation, a circuit must be present for return current, and the fewer wires

in the groundplane, the greater the loss. Elevation probably is not the magical escape from ground loss that seems to be a very popular view on QRP-L.

72, Ade

Date: Thu, 31 Aug 2000 22:01:14 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [78566] Re: (FOX:) Re: WJ1R Escapes From Arizona With Pelt Intact
Message-ID: <20000831220114.A8281@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Thu, Aug 31, 2000 at 11:44:36PM -0500, George , W5YR wrote:
> Same story here, Damon, from near Dallas. I got Ben at 0105 no sweat but
> NEVER even heard Larry. If fact, I heard very few hounds after him, so
> maybe others were having skip problems also. Back in July on a Sunday
> afternoon, Larry was easy copy but not this night.

Short skip was non-existent. From here, Larry was fairly good copy, but often it was hard to tell that Ben was there at all. I barely copied his call a few times, but he was way down in the mud.

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Fri, 01 Sep 2000 05:02:55 GMT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Cc: edxnelson@home.com
Subject: [78567] RadioShack Soldering Station
Message-ID: <F73kEcjVtwxYi2zQzGz000053e7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ed,

I purchased one of those and I am NOT happy with it. Main problems:

- 1) iron is too long and unwieldy. I have pretty steady hands (except when consuming coffee :-)) but even so I have trouble controlling it.
- 2) tips don't seem to wet properly nor easily. This is a MAJOR problem and I can't seem to resolve it.

I am almost ready to go back to my \$5 special.

Unless you have \$50 to throw away look elsewhere.

Brad

From: Ed Nelson (edxnelson@home.com)
>Radio Shack has a Digitally Controlled Soldering Station (910-3893) on sale
>for \$50. I looked at it in their on-line catalog and it looks nice, but it
>doesn't seem to have much in the way of a selection of tips. Does anyone
>have any experience with this soldering station and know if there are any
>other brand of tips that can be used with it?
>Tnx.....Ed W4EN

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<http://profiles.msn.com>.

Date: Fri, 1 Sep 2000 01:11:17 -0400

From: "Caitlyn M. Martin" <caitlyn@netferrets.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78568] Re: In the eye of the beholder...
Message-ID: <00090101111704.02216@caitlynmaire.earthlink.net>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi, everyone,

I like the looks of the Tokyo Hy-Power HT-750. I like the ergonomics as well.

The Yaesu FT-817 may lose out on both counts, but... if it performs at all decently, what bands it covers should still make it the ultimate QRP/portable/go anywhere toy. I fully expect to buy one or two.

72,
Caity
KU4QD

Date: Thu, 31 Aug 2000 22:22:57 -0700
From: Radman <radman@best.com>
To: "'Ed Nelson'" <edxnelson@home.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78569] RE: Soldering Station
Message-ID: <01C0139A.4A75CF60@radman.vip.best.com>

Ed & the gang,

If you want a new WTCPT & can wait 'til Wassco runs their (recurring) sale on that unit, you'll save about \$50 over typical net prices. Unfortunately Wassco is **not** running the Weller on sale at present. You might want visit their web site periodically or give a call & see when the next sale is ;)

Their typical sale price is ~ \$79 - \$89. Best price I've ever found on the WTCPT !

URL: <http://www.wassco.com/>
Phone: 858-679-8787

GL & 72,

Conrad Weiss - NN6CW - not related to Weller or Wassco :)

From: Ed Nelson[SMTP:edxnelson@home.com]
Subject: Soldering Station

I'm going to bite the bullet and spring for the Weller WTCPT.
Anyone have any suggestions where I should buy it, and what tips I should
get with it?
Ed W4EN

Date: Fri, 01 Sep 2000 06:41:39 GMT
From: "Leon Heller" <leon_heller@hotmail.com>
To: Karl.Kanalz@allegiancetelecom.com, qrp-1@Lehigh.EDU
Subject: [78570] RE: Low Noise Op Amps
Message-ID: <F146bl1VpBRV5awS8jU0000467a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>I'm not too sure, but I believe Burr-Brown got bought out by National
>Semiconductor. I believe that Analog Devices is still in business under
>their own name.....

B-B has just been acquired by TI. Analog Devices are still around, I
designed one of their DSPs into one of our products.

73, Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

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<http://profiles.msn.com>.

Date: Fri, 1 Sep 2000 06:57:20 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78571] Need Logging Software
Message-ID: <007701c01403\$6764f1a0\$c77961ce@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,
Sorry for the Off Topic bandwidth I'm looking for a good Logging software
that I can use with Linux, anyone know of any?
Thanks & 73 Dave kc1di

Date: Fri, 1 Sep 2000 07:39:08 -0700
From: John Payne <paynej1@strato.net>
To: qrp-l@lehigh.edu
Subject: [78572] Solder stations
Message-ID: <SAK.2000.09.01.jggngdda@john-payne>
MIME-Version: 1.0
Content-Type: Text/Plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8Bit

I have one of the stations from Circuit Specialists and it does a great job. Of
course, it's
only \$39.00 and does not have a well-known name, but for the money it's
unbeatable.
Has a good selection of tips, and replacement parts are available, too. Look at
<http://www.web-tronics.com/autsolirstat.html> and give it a try. I don't think
you'll be
disappointed. Usual disclaimerws apply.

72 John N4FLJ

Date: Fri, 1 Sep 2000 08:06:10 -0400
From: "William Boose" <n3wst@hydrosoft.net>
To: "QRP-L List" <qrp-l@lehigh.edu>

Subject: [78573] FS or trade: Ant, Tower, Rotor
Message-ID: <017101c0140d\$0b425200\$dde49ed1@williamboose>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Big change in residence plans causes the following to be for sale or trade:
Rohn 25, 60 foot, fold-over tower
Ham 4 rotor, just rebuilt by Norm's Rotor Service
TH25DX, 7 element, tri-band beam

Available in Lititz, PA

Would like to sell as package for \$600, picked up.

Will consider trades for all or part of package. Most interested in
transceivers, screwdriver antenna. would especially like Icom 706, Kenwood
TM700A, Yaesu FT100D, or QRP gear. Will consider all offers.

Bill Boose, N3WST, Lititz, PA 17543
e-mail N3WST@arrl.net

Date: Fri, 1 Sep 2000 08:21:45 -0400
From: "William Boose" <n3wst@hydrosoft.net>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [78574] Fw: FS or trade: Ant, Tower, Rotor
Message-ID: <024801c0140f\$356a5580\$dde49ed1@williamboose>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Correction: that's a TH-7DX antenna. Sorry. Bill Boose, N3WST

----- Original Message -----

From: William Boose <n3wst@hydrosoft.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, September 01, 2000 8:06 AM
Subject: FS or trade: Ant, Tower, Rotor

> Big change in residence plans causes the following to be for sale or

trade:

> Rohn 25, 60 foot, fold-over tower
> Ham 4 rotor, just rebuilt by Norm's Rotor Service
> TH25DX, 7 element, tri-band beam
>
> Available in Lititz, PA
>
> Would like to sell as package for \$600, picked up.
>
> Will consider trades for all or part of package. Most interested in
> transceivers, screwdriver antenna. would especially like Icom 706,
Kenwood
> TM700A, Yaesu FT100D, or QRP gear. Will consider all offers.
>
> Bill Boose, N3WST, Lititz, PA
17543
> e-mail N3WST@arrl.net
>
>
>

Date: Fri, 1 Sep 2000 08:30:47 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [78575] Re: Help Needed Please
Message-ID: <125490A005E3D3118C9C00805FC743CC8D9C16@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The new devices work great if you properly bypass them--otherwise they oscillate.
Not only do they offer reverse polarity protection, but you can run a 12 volt battery down to 10 volts and still get excellent regulation. But, old devices still have their place--a clever designer can use the higher dropout voltage to gracefully power down circuits. This is tougher to do with big stabilizing capacitors. Zack W1VT

Date: Fri, 1 Sep 2000 12:58:09 +0100
From: "Walter D Amos" <waltk8cv@surfree.com>
To: <rsm@halcyon.com>

Cc: "Qrp-1 Posts" <qrp-1@lehigh.edu>
Subject: [78576] Re: Icom 706 III vs Yeasu 100D
Message-ID: <001101c0140b\$e770d0a0\$0b891b26@waltk8cv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bobbit Maneuver :-)

I just went through the same agony and bought the YAESU FT-100 original at AES for \$900, well \$899.99 in there language! The filters are on sale also for \$100, rather than the full price of \$150! Came to a little over \$1100 with no free shipping but HRO was more with the free shipping. Check there web sights. I also got a Astron SS-30M for \$140 and very happy with that as the Yaesu FT-100 is a power HOG.

The filters are a real bear to put in as you have to tilt up the front main board, remove 4 coax plugs, two 8 lead push in tape connectors, 6 screws and unsolder one wire from a diode. Fit the filters in up front where there are lots of wires to carefully move out of the way and then tilt up the board and SOLDER them in. You better have the Weller wtcp station with a fine tip and MAGNAFING GLASSES. It lived after the surgery. I would recommend testing the rig fairly thoroughly before and after but on mine all seems to be OK. I did not find out what they charge to put in the filters but if you are not very and I mean very experienced with little close in soldering it would be worth it. If you don't have the Weller and glasses forget it and just pay what ever they ask! :-) AES recommends having there tech put the filters in.

The radio clicks in full break-in but it is bearable. It is a reed relay and must be in the bottom because it is louder on a hard surface with the little front feet up. It will bother you only if you let it. I set it for the VOX mode and .5 ms delay and it still breaks between words now and not letters and much less clicking going on. The filters are very good, I got both cw filters. The DSP is excellent but at audio. The speaker is OK for a little itty bitty speaker (around 2" with a small magnet. I use an external speaker. If you plan to use this in a Diesel TRUCK pulling a rolling GHETTO full of noisy kids the speaker pointing up under the dash won't cut the mustard. There is no headset jack but I plug my SCAF into the external speaker jack and just make sure the volume is down so you don't blow it up. I get about 60 watts out on full power setting into a dummy load. When set to 0 power out on the menu #21 item (1 to 66 menu items) I get 2.5 watts out (lowest it will go) at 10 on the dumb menu item controlling the power it runs a fine 5 watts and same across all bands. I have not yet had a chance to operate it in a contest to see if the big signals overload the front end like they did the Pegasus I had for 3 days but so far I am very pleased with the little bugger! The real bargain out there is the TS-50 by Kenwood at \$700 but you don't get all the fancy 2 meter and 70 cm stuff but

to tell you the truth I probably will not use it mobile or on the vhf bands as already have 4 two meter radios and no antenna for 440 MHz and no interest. It does do it all if that is your bag! :-) Worked both foxes last night with the split mode. Internal keyer works fine but a little hard to control the speed as you must use a menu item, I used my external CMOS III and it works fine with the radio. It draws 2 AMPS on receive, it draws 6 amps on transmit no key down, it draws 8 AMPS at 5 watts out, it draws 22 AMPS at 60 watts out (full power setting) so the Astron SS-30M gets a work out of its fan! You would NOT want to run this off a back pack battery. :-) The Elecraft K-2 takes around 200 ma in receive mode (battery conservation) and a little over 2 AMPS full out around 10 watts. But you do have to build it :-)

Bottom line it's a keeper!

Walt K8CV Royal Oak, MI. k8cv@arrl.net
----- Original Message -----
From: "Robert Marlan" <rsm@halcyon.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, September 01, 2000 05:19
Subject: Icom 706 III vs Yeasu 100D

> Ok I am ready to buy which one?????????
>
> I work cw and phone. I would like full break in without relays?
> Which has better audio quality.
>
> I know the right answer is to buy both - but the XYL might do the Bobbit
> Maneuver!!
>
> Please Help!
>
> Robert KA6NOC/7 rsm@otology.com
>
>

Date: Fri, 01 Sep 2000 09:00:41 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [78577] Re: Help! I've Fallen and I can't get up!
Message-ID: <001c01c01414\$a3fecc60\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> ..well, actually a friend asked me to help him debug an SMK-1 that has
> not waked up. The symptoms are:
>
> audio (a hiss) but no RF.
> We did the usual inspection of bridged solder joints, etc. and all
> seemed o.k.
> The DC voltages seemed o.k.
>
> ..a curious thing occurred when I traced the signal from the antenna
> to pin 1 and 2 of U1. There was a gangbuster signal on the input to
> TC1 but almost nothing on the output and no amount of adjustment could
> cause the scope trace to change. Also, the puny signal remained
> constant as I "stepped" back from the inboard side of TC1 to U1's pin
> 1.
>

Bill,

I had a similar problem with mine - just low-level hiss and no off-air signals unless I touched a probe to the U1 side of TC1. In my case, capacitor C24 in the transmitter output pi network was shorted, which loaded down the antenna enough to mute the receiver pretty thoroughly.

Or am I reading your post incorrectly? Do you get signal if you touch the D1 side of TC1, and NOT the antenna side?

Dave

Date: Fri, 1 Sep 2000 09:41:14 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [78578] Nye Viking "Master Key" FS
Message-ID: <01af01c0141a\$4d307360\$95defea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In helping sell some items from a silent key estate,
I have found two Nye Viking "Master Key" 330-001s.
This is the "top of the line" straight key.
It includes cord and connector, and can be
seen at <http://www.morsex.com/nye/index.htm>

I don't know why he had two of them. One is still in the box,
and looks to be very close to new, if it is not new.
It is \$ 50.

The other one apparently is the one that he used. It has
some paint chips off of it, and is not as nice cosmetically.
Electrically, it is just fine. After all, how are you going to
mess up gold contacts? It is \$ 40.

These are the nicest straight keys I have ever used.
It almost makes one want to leave the keyer and
go back to a straight key!

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Fri, 1 Sep 2000 07:45:19 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: <BenNW7DX@aol.com>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [78579] Fw: Fox- NW7DX Dual Fox Results - EXCELLENT!
Message-ID: <00dc01c0141a\$dcdced60\$d208710f@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Ben,

Do you remember working N0TT? It wasn't "TT" but "TU" without dits!! ...it
was me - N0TU/m and you were LOUD!!!! hr in CO.

I was wissing along at 70 mph when I stumbled across the FOX pile up. I hung

in till I found u which wasn't hard you were the loudest sig on the band next to RK3 at the bottom end. But when I called you my paddle started to crap out! I lost the dit side and it only would send dahs!!!! ^%&^# \$ ARGUHHhhh!!!! Always happens at the least convenient times. I was late for home/XYL so I just sat back and listened. (sigh!).

So just incase you were wondering what the heck all those oddly spaced DAHs were ... It was me sending ur report with only a half-a-paddle!! I was hoping maybe you were psychic and could figure out the missing dits? Anyhow if you could have it would of read: 599 C0 steve 911 5w QSL? To top off my drive home it was pouring rain with incredible lightning show. Very exciting drive with my NC20 blarring away in the background. 20m was HOT! Fortunately the XYL wasn't.

Sri abt the my half-a-fist report! <g> Steve/n0tu

-----Original Message-----

From: <BenNW7DX@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Thursday, August 31, 2000 10:54 PM

Subject: Fox- NW7DX Dual Fox Results - EXCELLENT!

>Hey guys -

> There was TONS of activity on tonight and my log is packed with
>stations!!! I would say that the condx were better tonight than on Sunday,
>but there was still plenty of QSB and QRN for everyone.

> I was guest operating again, using a FT-920 and a 5 ele monobander.
>Everything worked great except for the antenna. There were times when it
>would get "stuck" and I wasn't able to rotate it. Luckily, it never
stalled

>too long. It was really windy tonight at the QTH and trees were swaying
back

>and forth. There is a tree only :inches: from one of the elements and when
>the tree sways, it blocks the path of the beam :-) Besides this minor
>obstacle, everything worked just great!

> Unfortunately, I did not reach my goal of 93 qso's (which would have
>been the new record), but I came very close. I got a total of 89 qso's and
>am extremely proud. Once again though, there were those stations that you
>could tell were in there, but even when turning on all the bells 'n
whistles

>on the rig, they couldn't be pulled out of the noise. I would say that the
>QSB monster ate 4 or 5 qso's tonight :-) Despite this though, it was lots
>of fun for the FULL 2 hours! I'm sure Larry had lots of activity at his
end

>as well.

> Well, below is my log. Hopefully all is correct, but you never know.

>If you see an error, please email me.

>=

>

>2000 Summer Dual Foxhunt NW7DX

>

>

> Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth
NR/PWR									

>

> -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
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-

>

> 20CW	01-Sep-00	01:00	1	K0EVZ		559	589	DOC	ND	861
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>

> 20CW	01-Sep-00	01:01	2	NK7M		559	579	BOB	AZ	271
--------	-----------	-------	---	------	--	-----	-----	-----	----	-----

>

> 20CW	01-Sep-00	01:01	3	K5LN		559	559	BILL	TX	
--------	-----------	-------	---	------	--	-----	-----	------	----	--

1748

>

> 20CW	01-Sep-00	01:02	4	NQ7X		559	559	FLOYD	AZ	343
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>

> 20CW	01-Sep-00	01:02	5	K5AAR		559	559	DON	OK	
--------	-----------	-------	---	-------	--	-----	-----	-----	----	--

1512

>

> 20CW	01-Sep-00	01:03	6	K6VNX		559	579	ARLEN	CA	5w
--------	-----------	-------	---	-------	--	-----	-----	-------	----	----

>

> 20CW	01-Sep-00	01:04	7	N5TW		559	559	TOM	TX	
--------	-----------	-------	---	------	--	-----	-----	-----	----	--

1474

>

> 20CW	01-Sep-00	01:04	8	W5YR		559	559	GEO	TX	
--------	-----------	-------	---	------	--	-----	-----	-----	----	--

1373

>

> 20CW	01-Sep-00	01:05	9	AJ4Y		559	579	PAUL	FL	
--------	-----------	-------	---	------	--	-----	-----	------	----	--

1795

>

> 20CW	01-Sep-00	01:06	10	N5IW		559	559	DAVE	TX	
--------	-----------	-------	----	------	--	-----	-----	------	----	--

1718

>

>

> 20CW	01-Sep-00	01:07	11	W7ILW		559	559	HOWARD	AZ	
--------	-----------	-------	----	-------	--	-----	-----	--------	----	--

2010

>

> 20CW	01-Sep-00	01:09	12	N1TP		559	559	TOM	FL	
--------	-----------	-------	----	------	--	-----	-----	-----	----	--

1317

>

> 20CW	01-Sep-00	01:09	13	K5OI		559	559	TIM	NM	73
--------	-----------	-------	----	------	--	-----	-----	-----	----	----

>

> 20CW	01-Sep-00	01:10	14	K5DI		559	599	KARL	NM	
--------	-----------	-------	----	------	--	-----	-----	------	----	--

2195

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>
> 20CW 01-Sep-00 01:11 15 AF5Z 559 559 BOB TX 984
>
> 20CW 01-Sep-00 01:11 16 AJ4AY 559 559 JAY AL
1372
>
> 20CW 01-Sep-00 01:12 17 W9UQB 559 599 MIKE AZ 413
>
> 20CW 01-Sep-00 01:13 18 K5ZTY 559 559 BILL TX 173
>
> 20CW 01-Sep-00 01:14 19 NK6A 559 599 DON CA
1517
>
> 20CW 01-Sep-00 01:15 20 KM5VY 559 589 TOM NM
1592
>
>
> 20CW 01-Sep-00 01:15 21 W0CH 559 559 DAVE MO 618
>
> 20CW 01-Sep-00 01:16 22 AF4PS 559 579 MAC FL 704
>
> 20CW 01-Sep-00 01:17 23 NN5B 559 559 JERRY TX 5w
>
> 20CW 01-Sep-00 01:18 24 N5ZE 559 559 LEW TX
2178
>
> 20CW 01-Sep-00 01:19 25 AA7EQ 559 559 BOB AZ 217
>
> 20CW 01-Sep-00 01:21 26 VE7SL 559 559 STEVE BC 769
>
> 20CW 01-Sep-00 01:22 27 K8CV 559 559 WALT MI 935
>
> 20CW 01-Sep-00 01:23 28 K8ZT 559 559 ANTHONY OH 453
>
> 20CW 01-Sep-00 01:24 29 K8BBM 559 569 DAVE NE
1549
>
> 20CW 01-Sep-00 01:24 30 KC1FB 559 559 JIM CT 29
>
>
> 20CW 01-Sep-00 01:25 31 K2ZN 559 569 AL NY
2234
>
> 20CW 01-Sep-00 01:26 32 KG4BIG 559 559 KEN KY
1974
>
> 20CW 01-Sep-00 01:26 33 KK5LD 559 559 DAN TX
2052

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>
> 20CW 01-Sep-00 01:27 34 W6BAB 559 589 HARVEY CA 5w
>
> 20CW 01-Sep-00 01:27 35 NV4V 559 559 PETE KY
1721
>
> 20CW 01-Sep-00 01:28 36 N4ROA 559 559 DAN NC 970
>
> 20CW 01-Sep-00 01:29 37 K1QM 559 559 JOEL MA 337
>
> 20CW 01-Sep-00 01:30 38 N8IE 559 559 DAN OH
1404
>
> 20CW 01-Sep-00 01:30 39 WS4S 559 559 CONARD TN 993
>
> 20CW 01-Sep-00 01:31 40 W8DIZ 559 559 DIZ OH
1998
>
>
> 20CW 01-Sep-00 01:31 41 N9AW 559 559 JERRY WI
1271
>
> 20CW 01-Sep-00 01:32 42 KB1ENS 559 559 JOHN VT
2150
>
> 20CW 01-Sep-00 01:33 43 AB8DFH 559 559 ED MI
1444
>
> 20CW 01-Sep-00 01:34 44 K9IUA 559 559 KEVIN ND 384
>
> 20CW 01-Sep-00 01:35 45 AA5UN 559 559 MARTY TX 5w
>
> 20CW 01-Sep-00 01:35 46 N5IB 559 559 JIM LA
1913
>
> 20CW 01-Sep-00 01:36 47 N0UR 559 559 JIM MN 799
>
> 20CW 01-Sep-00 01:36 48 N9SE 559 559 MARTY IN 1w
>
> 20CW 01-Sep-00 01:37 49 AG0T 559 559 TODD ND
2211
>
> 20CW 01-Sep-00 01:42 50 K3NY 559 599 NICK MD 927
>
> 2000 Dual Foxhunt NW7DX
>
>

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> Band      Date      Time  QS0#  Call worked  Sent Rcvd Name      Qth

```

>NR/PWR

```
> ----      ----      ----      ----      -----      ----      ----      ----      ---      ---
--
>
> 20CW 01-Sep-00 01:43 51 K5BGB 559 589 ROD TX
2231
>
> 20CW 01-Sep-00 01:45 52 W7MD 559 559 DAMON AZ
2190
>
> 20CW 01-Sep-00 01:46 53 K7QO 559 599 CHUCK AZ 1
> 20CW 01-Sep-00 01:46 54 K5TR 559 559 GEO TX 5w
>
> 20CW 01-Sep-00 01:50 55 N3WT 559 579 JOHN MD 4w
>
> 20CW 01-Sep-00 01:52 56 WA0SXV 559 599 MIKE NM 1w
>
> 20CW 01-Sep-00 01:54 57 W7/JR1NKN 559 559 ZUO WA 5w
>
> 20CW 01-Sep-00 01:57 58 N1TM 559 559 TOM CT 1w
>
> 20CW 01-Sep-00 01:58 59 VA6RF 559 559 EARL AB
1076
>
> 20CW 01-Sep-00 02:02 60 W2XN 559 559 FRED FL
1728
>
>
> 20CW 01-Sep-00 02:04 61 NR1DX 559 529 DAVE NH 5w
>
> 20CW 01-Sep-00 02:04 62 WJ1R 559 559 LARRY CO
2137
>
> 20CW 01-Sep-00 02:05 63 NK9G 559 559 RICK WI
2061
>
> 20CW 01-Sep-00 02:06 64 VE5RC 559 229 BRUCE SK 886
>
> 20CW 01-Sep-00 02:08 65 AE9F 559 559 DAN CA 5w
>
> 20CW 01-Sep-00 02:11 66 KB7WW 559 559 ART ON 290
>
> 20CW 01-Sep-00 02:15 67 W1R0/7 559 599 JIM NV
2208
>
> 20CW 01-Sep-00 02:18 68 W5YW 559 559 MIKE LA 5w
>
> 20CW 01-Sep-00 02:19 69 W7HQJ 559 559 JOHN WA 5w
```

```

>
> 20CW 01-Sep-00 02:20 70 KA5T 559 559 LARRY TX 89
>
>
> 20CW 01-Sep-00 02:23 71 AF4LQ 559 579 MIKE KY
1395
>
> 20CW 01-Sep-00 02:23 72 W0RW 559 599 PAUL CO
1284
>
> 20CW 01-Sep-00 02:27 73 KB7N 559 599 MARK WA 2w
>
> 20CW 01-Sep-00 02:29 74 K8XF 559 559 MIKE FL 5w
>
> 20CW 01-Sep-00 02:31 75 KI0RB 559 599 VINCE CO
1283
>
> 20CW 01-Sep-00 02:33 76 W3ERU 559 559 WES MD
2179
>
> 20CW 01-Sep-00 02:35 77 WD5CMA 559 559 GLORIA LA 5w
>
> 20CW 01-Sep-00 02:37 78 KA1DDB 559 559 MIKE MI
2064
>
> 20CW 01-Sep-00 02:38 79 N0TK 559 559 DAN CO 4w
>
> 20CW 01-Sep-00 02:38 80 W7QC 559 579 STEVE WA
900mw
>
>
> 20CW 01-Sep-00 02:39 81 VE5VA 559 559 PETE SK 46
>
> 20CW 01-Sep-00 02:43 82 WB0HQV 559 559 JIM MO
2100
>
> 20CW 01-Sep-00 02:44 83 W4EEX 559 569 SARA KY 2w
>
> 20CW 01-Sep-00 02:45 84 W7VP 559 599 BILL WA 5w
>
> 20CW 01-Sep-00 02:46 85 KI0II 559 599 RON CO 928
>
> 20CW 01-Sep-00 02:51 86 W7HLO 559 599 DALE WA 3w
>
> 20CW 01-Sep-00 02:52 87 K4LKL 559 559 LARC FL
2226
>
> 20CW 01-Sep-00 02:59 88 AB7MY 559 559 GARY AZ 571

```

>
> 20CW 01-Sep-00 xx:xx 98 NW7DX 559 559 ben wa
1892
>
>= AB7MY almost didn't make it into the log... he called just a few
seconds
>before the clock struck 0300z!!!
>
>73 and Thanks very much for the excellent hunt.
>
>Ben - NW7DX
>

Date: Fri, 1 Sep 2000 08:26:15 -0600 (MDT)
From: russo@bogoflux.losalamos.nm.us
To: qrp-l@Lehigh.EDU
Subject: [78580] Re: WJ1R Escapes From Arizona With Pelt Intact
Message-ID: <200009011426.IAA09358@inago.swcp.com>

Through a sea of QRN, the clear QRP-L signal of Damon Raphael (w7md@azstarnet.com) came booming through the headphones as I copied:

>I could hear Larry only with my northeast beverage which killed the QRN.
>His low angle vertical RF ant sig was way over my head.

I had the same experience at the home QTH near Albuquerque. Ben, who was 229 here last time he was a fox was a booming 589 last night, but Larry only rose above the noise to a 119 at best for a few seconds during the 80 minutes I listened. At no time was he clear enough that I felt confident I'd recognize my own call if he came back to me, so I never even called. At one point I'd turned preamp on and AGC off in hopes of digging him out of the QRN by hand, but a 599+20db sig called him and nearly split my eardrums. Ouch. The "evil stepkids" got a giggle at the show when I yanked the phones off and nearly hit the ceiling when I jumped.

This fox season has been my first, and I gotta say that even though I'm completely out of the running for a high score, I've had a real blast. Gotta love this sport.

--
Tom Russo KM5VY QRPL #1592 K2#398 <http://www.swcp.com/~russo/>
Tijeras, NM DM65uw SOC #236 <http://www.qsl.net/~km5vy/>
"Some mornings it just doesn't seem worth it to gnaw through the leather straps. " -- Emo Phillips

Date: Fri, 01 Sep 2000 19:01:54 -0700
From: Jeff Grudin <grudin@vdbbs.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [78581] Re: Solder Stations
Message-ID: <39B05F92.D249515D@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I will through some rosin on the solder.

I have a Weller EC1201. I used to love it, but it has developed an intermittent problem that I have not been able to figure out. The temperature regulation goes away. When I open up the box and let the evil spirits out, the problem goes away for a while. It pisses me off, but not enoutgh to put much time into trying to solve it.

Then Eric calls and says he needs the K1 built in a day or two. I click on the Weller and it is getting hot enough to melt the wire stand.

Back to my old trusty \$19 HAKO DASH iron. You know the handle is nicer and it worked just fine. It worked fine before I bought the Weller. I thought I needed to station to be a "REAL" builder. The kit went together fine and I had no problems with this iron, or soldering (or unsoldering ;-) any parts.

So if money is an object, don't feel obligated to get a solder station. Yeah they are definitely nicer, but not necessary to do a good job building high tech kits and homebrew.

Let the irons fly.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Fri, 1 Sep 2000 08:40:49 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Payne <paynej1@strato.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78582] Re: Solder stations

Message-ID: <Pine.LNX.4.10.10009010839050.1023-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I looked and ordered one. It looks like the one I used at Fort Tuthill to do some soldering. A real nice iron. If it's as good as I think the next buy will be a lot of tips.

On Fri, 1 Sep 2000, John Payne wrote:

> I have one of the stations from Circuit Specialists and it does a great job. Of course, it's
> only \$39.00 and does not have a well-known name, but for the money it's unbeatable.
> Has a good selection of tips, and replacement parts are available, too. Look at
> <http://www.web-tronics.com/autsolirstat.html> and give it a try. I don't think you'll be
> disappointed. Usual disclaimerws apply.
>
> 72 John N4FLJ
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 1 Sep 2000 07:56:04 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [78583] FOX-1 for 2 in AZ
Message-ID: <001901c01424\$d6cfe1a0\$d33684ce@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NW7DX was no problem...WJ1R....impossible! Listened for 90 min, trying every gimick in the shack, vari dsp; 400~ filter, rf down af up;beam headings +-;etc. His sig was just barely audible occaisionally below the noise and I called a few times but nada. Heard him come back to Doc a couple times but apparently Doc was having the same problem. Finally just gave up. Another miss 8-(

Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

Date: Fri, 1 Sep 2000 16:55:58 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: "'gqrp@egroups.com'" <gqrp@egroups.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Cc: K7FD-N7SG-qrpPacific <cqdx@teleport.com>
Subject: [78584] 9A/S53MA/P -QRP
Message-ID: <EA63CEA50DF8D311ABAD00B0D0211732013D713A@hal9000.hermes.si>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

HF Expedition to croatian Island of Krk - EU 134.
Call 9A/S53MA/P
Timeframe; 2-12 Sept.2000
Equip. Sierra 1-2W, Dipoles, GP for 20 meters
Bands: 80-15 m
20;00 - 00 00 GMT

Special QSL will be provided.

CW ... of course

Best 72/73 de Alen /S53MA

Alen - S53MA
QRP Consultant
QRP Editor of S5 Obalni - Amateur Radio Bulletin
Alen.Mitrovic@hermes.si
S53MA@hermes.si, S53MA@qsl.net
KOPER QRP Group #001, DL QRP AG #1674,
G-QRP #10644, AGCW #2865, QRP-L,
Alaska QRP Club #223
Personal Webpage: <http://www.qsl.net/s53ma>

Date: Fri, 1 Sep 2000 11:24:50 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <grudin@vdbbs.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78585] Re: Solder Stations
Message-ID: <004501c01429\$375f9700\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've never had my WTCPT station jam on the thermostat, but it uses that 'magneflux' thing, and it's all self contained in the 'cylinder' with the heating element.

I do have 3 other Wellers that have thermostats in them, and one of them tends to jam and turn the tip a rainbow pattern with gold and blue that sounds like what you're seeing.

The alignment in those irons seems to be very critical, and if the element is 'stressed' but bending around the wires in the body, I think that is causing the overheat.

Mike

> I have a Weller EC1201. I used to love it, but it has developed an
> intermittent problem that I have not been able to figure out. The
> temperature regulation goes away. When I open up the box and let the
> evil spirits out, the problem goes away for a while. It pisses me
off,
> but not enoutgh to put much time into trying to solve it.

> 73 de AC6KW <mailto:grudin@vdbbs.com>
> Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
> Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz,
California
> Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp
#131
>

Date: Fri, 01 Sep 2000 09:41:33 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: flydnq7x@primenet.com
Cc: qrp-1@lehigh.edu
Subject: [78586] Re: FOX-1 for 2 in AZ
Message-ID: <200009011636.JAA28186@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:56 AM 9/1/2000 -0700, you wrote:

>NW7DX was no problem...WJ1R....impossible! Listened for 90 min, trying every
>gimick in the shack, vari dsp; 400~ filter, rf down af up;beam headings
>+;etc. His sig was just barely audible occaisionally below the noise and I
>called a few times but nada. Heard him come back to Doc a couple times but
>apparently Doc was having the same problem. Finally just gave up. Another
>miss 8-(
>Floyd NQ7X Phoenix,AZ ScQRPion DM33uq
>

Same here. Caught Ben early, and he had a good, strong signal into AZ all night, but Larry was something else. Heard him once at about the 90 minute mark, but not enough to take a shot. Didn't hear many other sigs, either, except for Doc, who kept calling. I swear I heard Larry come back to him once, but I guess Doc couldn't hear it. Very bad condx from CO last night.

Hope Sunday is better. Now 16 for 18 :^(

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 01 Sep 2000 12:56:45 -0400
From: John Wagner <john@neknetwork.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78587] Re: Fox- NW7DX Dual Fox Results - EXCELLENT!
Message-ID: <39AFDFCD.15867640@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BenNW7DX@aol.com wrote:

>

Did anyone else notice this?! ...

>
> 20CW 01-Sep-00 02:04 62 WJ1R 559 559 LARRY CO 2137
>

Would have been a sight to see, two fox frolicking freely in the field.
Would have liked to take them both out with one shot! :)

73,

John, KB1ENS

>
> Ben - NW7DX

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Fri, 1 Sep 2000 10:19:59 -0700
From: Radman <radman@best.com>
To: "'elecra@qth.net'" <elecra@qth.net>, "'Low Power Amateur Radio
Discussion'" <qrp-1@Lehigh.EDU>
Subject: [78588] K1 -- "the life of a field tester"...
Message-ID: <01C013FE.341E5D40@radman.vip.best.com>

Gang,

Well, Phase I Field Test for Elecraft's new K1 is now completed, and Phase II begins today as US FTers receive their kits and start up their solder stations. So, what's it like and how does it play? Well, it was a heck of a ride! Very fast-paced testing for most of the odd hours of my week - yielding a mighty hot RX and a TX that delivered a solid 8.2watts on 40m and 6.8watts on 20m! By agreement, Phase I FTers weren't allowed to QSO until Phase II testing was in full gear. Sounds like Elecraft wants to play it pretty conservatively 'til the little rascal has been shook out by the Phase II team!

By end of the weekend there should be a few K1s on the airwaves, I'd bet. Once Phase II is finished, Elecraft will unleash the K1 to the rest of the world, and you'll be reading some in-depth reviews.

If you're looking for a CW dual-band, trail machine - this one's mighty nice! Now, if I could Field Test one of those KAT1 ATU boards for the K1,

that would be interesting! All in due time I guess.

I'll post an in-depth review after I get more air-time with the K1. My rig's been abducted by Elecraft Labs for measurement purposes. Mojo, I guess :) !

Stay tuned,

Conrad - NN6CW

Date: Fri, 1 Sep 2000 10:46:43 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [78589] Fox yes, Fox no
Message-ID: <005101c0143c\$97f3e320\$9afbb3d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy, my envy is showing for those who were able to hear and work both foxes. I had little trouble nailing Larry, but Ben's fox signal was mighty thin. Never saw a whole fox, just the occasional ear tip or tail tip. Ben, did you ever turn that beam south? I never saw an increase in your signal to suggest that you did.

Congrats on a great catch list as Fox, Ben. You still set a high mark those that will follow you.

73, Bob N6WG
GO BIG DAWGS

Date: Fri, 01 Sep 2000 14:17:49 -0400
From: VE3JC - John C <jbcumming@wwdc.com>
To: QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78590] FS: QRP Quarterly - 37 Back Issues
Message-ID: <39AFF2CD.2A6F82D8@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

If anyone would like to start a Quarterly collection, I'm selling my duplicate back issues, consisting of:

- The following original issues:

1998 - Jan (1)

1997 - Complete (4)

1996 - "

1995 - "

1994 - "

1993 - April (1)

1992 - Jan (1)

- Plus the following complete-year spiral-bound reprints (sanctioned by QRP-ARCI in mid'90's):

1992

1989

1987

1986

1985

Asking \$US 80.00 Plus postage.

72, John VE3JC

Date: Fri, 1 Sep 2000 13:33:07 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78591] Re: Icom 706 III vs Yeasu 100D
Message-ID: <007c01c01443\$158e8540\$159b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Excellent post from Walt,

One point that Walt made about the filters is one that was also made by Ron Stark, Ku7y, is that filter installation is a little scary on the FT-100s. However most here on the list here won't be intimidated by installing them. You just have to take your time. However if you are looking at both rigs and you don't want to hold your breath to install filters the IC-706 MII G is a snap. Remove cover, plug the filter in, reinstall cover, and go to the filter menu to update the settings. I haven't rung my 706 out, so I can't comment on break-in yet. Diode switch front end is not as tough on my log periodic as some of the other rigs, but I am going to dedicate this rig to the mobile so this is of no concern. I already have it installed the in my

Tahole and so far VHF performance is good as the single band rigs but may not be as convenient with the memories. I have everthing installed but need to finish up by running the coax to the HF antenna. I just can't seem to get motivate in this 105+ deg. F heat. I need to suck it up so I can play those HF tunes I needed while driving to Fort Tuthill this year. I will be experimenting with a PW-1 and my old Bug Catcher antennas. I hope to work a few of you guys and gals from the mobile soon. I worked KI6DS, Doug, on 17m and his signal was loud and clear. If he could only get that tender-footed-Ford quiet on RX, :-)
73 de w5jay..

> Bobbit Maneuver :-)
>
> The filters are a real bear to put in as you have to tilt up the front main
> board, remove 4 coax plugs, two 8 lead push in tape connectors, 6 screws and
> unsolder one wire from a diode. Fit the filters in up front where there are
> lots of wires to carefully move out of the way and then tilt up the board
> and SOLDER them in. You better have the Weller wtcp station with a fine tip
> and MAGNAFING GLASSES. It lived after the surgery. I would recommend testing
> the rig fairly thoroughly before and after but on mine all seems to be OK.
I
> did not find out what they charge to put in the filters but if you are not
> very and I mean very experienced with little close in soldering it would be
> worth it. If you don't have the Weller and glasses forget it and just pay
> what ever they ask! :-) AES recommends having there tech put the filters in.
>
> Bottom line it's a keeper!
>
> Walt K8CV Royal Oak, MI

Date: Fri, 1 Sep 2000 15:06:03 EDT
From: BOBOBOB1@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [78592] Shack Cleaning
Message-ID: <ad.15510e.26e1581b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

1.) ANC-4 JPS Electrical Noise Reduction Unit
(Used once) \$130.00

2.) NIR-12 JPS Professional Dual DSP
Noise /Interference Reduction Unit \$225.00
(Used twice)

All priced quoted are plus shipping.
Bob Gorman
WA1SCH

Date: Fri, 1 Sep 2000 16:00:33 -0400
From: "N3BJ" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78593] WTB: NC-20 converted to 40M
Message-ID: <001701c0144f\$4a80c9a0\$5fddcdcf@pavilion>

Wanted: Original Norcal 20 that has been converted to 40M per the
instructions on the Red Hot Radio web site.

Please let me know if you have one that is surplus to your needs.

Alan, N3BJ

Date: Fri, 1 Sep 2000 13:12:47 -0700
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>
To: <BenNW7DX@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [78594] Dual Fox Hunt
Message-ID: <003101c01450\$ff7d12e0\$2088fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a blast last night. I was thrilled when I heard WJ1R Larry tuning up
and was the second one to get in his log at 0:100. I went down to find Ben
NW7DX and spent the rest of the time trying to contact him. He was very weak
here in Sacramneto. Ben Icalled and called but I guess you never heard me
through the QRN. It was fun and I am looking forward to the dual hunt on
Sunday.

73's Glenn WA7SPY
Sacramento, CA

Date: Fri, 01 Sep 2000 17:06:19 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <Klqrp@applegate.org>
Cc: QRP-L <QRP-L@lehigh.edu>, RobCap@aol.com, KH6B@juno.com
Subject: [78595] Spartan Sprint from Portsmouth Island
Message-ID: <39B01A4B.C78F4497@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Weather permitting, I'll be kayaking to Portsmouth Island, NC-- just north of New Drum Inlet, for the Labor Day Spartan Sprint.

This will be the maiden voyage for my little HB 20M xcvr. It runs a DC rx, VX0, and the tx PA is a 74HC240 IC. Output pwr is around 150mW while using a 6V (PX28L) lithium photo battery. The weight of the complete station, (including the antenna system) is 0.14 lbs. The antenna system is a 1/2 wave vertical using #28 magnet wire, with a tapped L/C circuit on a tiny circuit board. It all fits in a shirt pocket-HI!

I'll mount the vertical right at the salt water line with clear salt water paths in all directions. Let's hope for good conditions.

It would be my pleasure to work you from Portsmouth Island, which is located between Cape Hatteras and Cape Lookout on the NC Outer Banks.

72, Paul AA4XX

Date: Fri, 1 Sep 2000 17:58:59 -0400
From: n4qa@juno.com
To: qrp-l@Lehigh.EDU
Subject: [78596] Rig hr 1W to a pair of stacked heat-ducts
Message-ID: <20000901.175903.-183093.0.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi, folks.

Just worked Frank, AA4ZS, in Alexandria, VA (about 200 miles from here) on 7040 using the DSW-40 and the home heating-duct system. Ok, I was only 329 up there but band condx aren't the greatest just now.

Anyway, just in case someone else might like to try it, here's the setup in our den:

DSW lying butt-naked on a file folder atop my steel desk (I really oughta put that rig in some sort of box).

Six-foot segment of RG-58 from DSW to input SO-239 of Heathkit HFT-9 tuner (configured for LW operation), which resides atop a teakwood floppy disk holder, which, in turn, rests atop a steel four-drawer filing cabinet.

Three-foot segment of bright red instrument wire with banana jack plugged into tuner output SO-239 at one end, and opposite end stripped and wrapped beneath the head of one of the sheetmetal screws which attach the nearest register to the ducting system (the Wife really likes this aspect of the setup).

OK, the ducting system runs the length of the house (I dunno, 50 ft or so), first floor horizontal member averages maybe 5 ft above gnd and another similar one beneath the upper floor of the house. front-to-back members on both floors as well, and of course vertical member(s) interconnecting the levels.

The oil furnace is on the basement floor at the opposite end of the house from my shack... as far as I can tell the only place the whole array is grounded is at the furnace.

DC/60 Hz ground, that is.

Ok, the counterpoise consists of the steel desk whose center drawer locking mechanism I have connected to a DSW plated-through "mounting" hole via one of those cheap R/S 12-inch jumpers (green) with alligator clips at the ends. At the rig end, there is NO ground connection, not even via the (floating) power supply.

That's it ! I can get a "perfect match" very easily with a little tweaking of the tuner.

Started using this antenna last winter when my real antenna (LW) was inaccessible for a while. The heat-duct antenna does ok but I ain't expectin' to win no awards with it :)

73,

Bill, N4QA

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 1 Sep 2000 18:20:18 -0400

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [78597] RE: Shack Cleaning
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C43B@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> 1.) ANC-4 JPS Electrical Noise Reduction Unit
> (Used once)

This unit is a noise-cancelling type of interference filter. It works great against single point sources of noise, ie a power-line leak or local noisy motor, etc. Although a bit cumbersome to use, it can be a great solution to power-line noise if it is coming from a single source. The major drawbacks are that they are touchy to tune and you will to tweak the tuning for QSY > 10 or 20 kHz.

Just thought I would point out its intended use, in case that piques any interest.

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: BOBOBOB1@aol.com [mailto:BOBOBOB1@aol.com]
> Sent: Friday, September 01, 2000 3:06 PM
> To: Low Power Amateur Radio Discussion
> Subject: Shack Cleaning
>
>
> 1.) ANC-4 JPS Electrical Noise Reduction Unit
> (Used once) \$130.00
>
> 2.) NIR-12 JPS Professional Dual DSP
> Noise /Interference Reduction Unit \$225.00
> (Used twice)
> All priced quoted are plus shipping.
> Bob Gorman
> WA1SCH
>

Date: Fri, 1 Sep 2000 15:40:55 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Robert Marlan <rsm@halcyon.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [78598] Re: Icom 706 III vs Yeasu 100D
Message-ID: <Pine.GS0.4.10.10009011533390.29278-1000000@rotor.dri.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Robert,

I've had my FT-100 for over a year and like it very much. It's not as nice as my FT-1000MP but it's also not in the same class!

The 100D comes with the filters already installed as well as the better osc. A little bigger speaker too.

The QSK without any filters turned on is GREAT. With the 500 Hz filter turned on, it's not that good. About like the MP. Not as bad as some rigs I've operated but sure not as good as I'd like it to be.

I'm sending mine in to Yaesu for upgrades as I bought one of the very early ones and some things have been improved.

Upgrades are free plus they are going to look at the keying to see if it's a design thing or if it's something that can be improved.

I've never used a Icom 706 III but have watched one of the 706's without the UHF band being used and didn't think much of the keying....but this was just from watching a non CW type show it off. It might be able to do a much better job.

I think it boils down to a "Ford vs. Chevy" thing. Both are good rigs..... Good points and bad points.

The ARRL did a great review of both rigs and I think it's still on the WEB page. (Ed or someone else might be able to point you to the right URL).

Hope this helps.

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>.....

Date: Fri, 01 Sep 2000 17:42:14 -0500
From: "George , W5YR" <w5yr@att.net>
To: w1rifi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [78599] ANC-4 Noise Canceller
Message-ID: <39B030C6.5F051762@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good summary, Ed.

I have used the ANC-4 for about 3 years now. I have found that the single factor that will make or break it in your application is the type and location, etc. of the noise pickup antenna.

These units work by comparing the signal plus noise on the main antenna system with the (hopefully) noise only on the noise pickup antenna. To the extent that you can arrange to capture "mostly noise" with the least amount of signal on the noise antenna, the unit can do a remarkable job of cancelling it out.

The problem, of course, is that since the unit cancels noise by phasing, it is important that the phase of the noise from the noise pickup antenna be about the same as that on the main antenna. That, plus a minimum of desired signal on the noise antenna.

I am elaborating on all this detail since the common perception is that merely hooking this thing up will automatically cancel noise. It WILL do somewhat, but it takes some care and thought and probably repeated installations of a noise antenna to get things working right.

Now, let's be clear: none of this is intended to interfere or compromise the sale of the ANC-4 unit by the original poster. I just want to lay out the "house rules" as I have learned them over the past three years. These units WORK and work well when all is in order. And they are not all that hard to set up.

Let me also say that I got the JPS NIR-12 at the same time I got the ANC-4. Up until the time I got my Kachina transceiver, I had never in some 50+ years in ham radio bought or made anything that worked as well at what it was designed to do. Although the Kachina is a DSP machine itself, I still use my JPS-12 in the audio line out to the soundcard for PSK31, RTTY, SSTV, etc. In my shack, it is an indispensable piece of gear. If I could find the \$\$\$, I would buy Bob's just for a spare since they are no longer being manufactured. The JPS-12 is the ONLY DSP unit that uses two high-speed (40 MHz) DSP processors. It is the only unit

that can simultaneously provide an outstanding digital filter of any desired response AND a multi-tone automatic notch filter AND two forms of noise reduction, both adjustable as to effect.

Enough from me - talk to Bob and snap up a couple of real bargains!

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

"Hare, Ed, W1RFI" wrote:

>
> > 1.) ANC-4 JPS Electrical Noise Reduction Unit
> > (Used once)
>
> This unit is a noise-cancelling type of interference filter. It works great
> against single point sources of noise, ie a power-line leak or local noisy
> motor, etc. Although a bit cumbersome to use, it can be a great solution to
> power-line noise if it is coming from a single source. The major drawbacks
> are that they are touchy to tune and you will to tweak the tuning for QSY >
> 10 or 20 kHz.
>
> Just thought I would point out its intended use, in case that piques any
> interest.
>
> 73,
> Ed Hare, W1RFI
>
> > -----Original Message-----
> > From: BOBOBOB1@aol.com [mailto:BOBOBOB1@aol.com]
> > Sent: Friday, September 01, 2000 3:06 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Shack Cleaning
> >
> >
> > 1.) ANC-4 JPS Electrical Noise Reduction Unit
> > (Used once) \$130.00
> >
> > 2.) NIR-12 JPS Professional Dual DSP
> > Noise /Interference Reduction Unit \$225.00
> > (Used twice)
> > All priced quoted are plus shipping.
> > Bob Gorman

> > WA1SCH
> >

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End of QRP-L Digest 1931

